



Sheet 1 of 3

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 22,272-14	SERIAL NO.: 09/514,070
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Biel, Merrill A.	
(Use several sheets if necessary)		FILING DATE: February 26, 2000	GROUP: 3739

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE ISSUED	INVENTOR NAME	U.S. CLASS	U.S. SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE PUBLIC- ATION	COUNTRY	INT. CLASS	INT. SUB- CLASS	TRANSLATION
				1C	3700	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
				200	30	NO <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

		International Application No. PCT/US 01/05718, PCT International Search Report, mailed 13/03/2002
<i>Jm</i>	<i>J</i>	Lasovsky, Jan, et al., "Conversions of the Light and Chemical Energies in Organized Surfactant Assemblies. Cooperative Effect of Surfactants and Photosensibilizers on Photodynamic Effect." ACTA Universitatis Palackianae Olomucensis Facultas Rerum Naturalium, 1990 Vol., 97, No. Chem. 29, Pages 37-44. XP001053724 Tables, Figures 3, 4, Page 41, Page 42, abstract
<i>Jm</i>	<i>J</i>	Bacirova, Martina, et al., "Protection Effect of Physiological Antioxidants and Surface Active Substances Against the Harmful Effects of Radiation on Paramecium Caudatum." ACTA Universitatis Palackianae Olomucensis Facultas Rerum Naturalium, 1993 Vol. 112 89-95, XP001052803, Page 89, Paragraph Introduction, Tables 1, 3, Abstract
<i>Jm</i>	<i>J</i>	Norris M.J., et al., "Cell Envelope Composition and Sensitivity of <i>Proteus Mirabilis</i> , <i>Pseudomonas Aeruginosa</i> and <i>Serratia Marcescens</i> to Polymyxin and Other Antibacterial Agents." Letters in Applied Microbiology, 1985, Vol. 1, No. 1, Pages 3-6, XP001042384, Table 1.
<i>Jm</i>	<i>J</i>	Kropinski A.M.B., et al., "Susceptibility of Lipopolysaccharide-Defective Mutants of <i>Pseudomonas Aeruginosa</i> Strain PAO to Dyes, Detergents, and Antibiotics." Antimicrobial Agents and Chemotherapy, 1978, Vol. 13, No. 3, Pages 494-499, XP001042385, Page 469, Left-hand Column.
<i>Jm</i>	<i>J</i>	Kapoor, R.C., "Dye-Surfactant Interactions. A Spectral Study." J. Indian Chem. Soc., 1986, Vol. 63, No. 6, Pages 541-6, XP001053295, Pages 542 - 545, Page 545, Paragraph Discussion.
<i>Jm</i>	<i>J</i>	Zhang, Hong-Man, et al., "Study on the Dimer-Monomer Equilibrium of a Fluorescent Dye and its Application in Nucleic Acids Determination." Anal. Chim. ACTA, 1998, Vol. 361, No. 1-2, Pages 9-17, XP001053292, Figures 2, 3.
<i>Jm</i>	<i>J</i>	Wakayama, Y., et al., "Gene Responsible for Protecting Escherichia-Coli From Sodium Dodecyl Sulfate and Toluidine Blue Plus Light." Journal of Bacteriology, Vol. 159, No. 2, 1984, Pages 527-532, XP001052816, ISSN: 0021-9193, Page 531, Paragraph Discussion.
<i>Jm</i>	<i>J</i>	Takagi M., et al., "A Gene Responsible for Protecting Escherichia-Coli From Sodium Dodecyl Sulfate and Toluidine Blue Plus Light. Journal of Radiation Research, Vol. 26, No. 1, 1985, Page 32, Abstract a-C-2 XP001052834, ISSN: 0449-3060.

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						30	30

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						YES NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

dm	dm	Murgia S.M., et al., "Laser Photolysis of Methylene blue in Aqueous Micellar Systems." Photobiochemistry and Photobiophysics, Vol. 5, No. 1, 1983, Pages 53-60, XP001052806, ISSN: 0165-8646, Abstract, Figures, Tables, Pages 59-60.
dm	dm	Dahmiwal N. R., et al., "Dye-Sensitized Photooxygenation of Diphenylamine in SDS Micellar Solution." Indian Journal of Chemistry Section an Inorganic Bio-Inorganic Physical, Vol. 30, No. 8, 1991, Pages 660-664, XP001052817, 1991, ISSN: 0019-5103, Abstract Figures.
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dm	dm	Bagno, O., et al., "PH Dependence of Sensitized Photooxidation in Micellar Anionic and Cationic Surfactants, using Thiazines Dyes." Photochem. Photobiol., 1979, Vol. 29, No. 6, Pages 1079-81, XP001052841, Abstract, Page 1079, Left-hand Column.
dm	dm	Lasovsky, Jan, et al., "The Enhancement of Fluorescence in Micellar Solutions of Ion Surfactants." ACTA Univ. Palacki. Olomuc., FAC. Rerum Nat., 1986, Vol. 85, No. Chemica, 25, Pages 47-54, XP001053320, Figures 1, 2, Table 1, Page 49, Last Paragraph – Page 52, Last Line.
dm	dm	Kalab D., "Photodynamic Inactivation of Some Bacillus Subtilis Bacteriophages." Experientia, March 15, 1967, Vol. 23, No. 3, Pages 181-2, XP001042399.
dm	dm	Mainwright M., et al., "Photobactericidal Activity of Phenothiazinium Dyes Against Methicillin-Resistant Strains of Staphylococcus Aureus." FEMS Microbiology Letters, March 15, 1998, Vol. 160, No. 2, Pages 177-81, XP001042387 Abstract, Tables.
dm	dm	Mainwright M., et al., "A Study of Photobactericidal Activity in the Phenothiazinium Series." FEMS Immunology and Medical Microbiology, Sept. 1997, Vol. 19, No. 1, Pages 75-80, XP001042388, Abstract, Pages 77-79, Paragraph Results and Discussion.

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OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

<i>dm</i>	<i>Y</i>	Konig, K., et al., "Photodynamische Aktivitat Von Methylenblau." Aktuelle Dermatologie, 1993, Vol. 19, No. 7, Pages 195-198, XP001052840, Page 196, Right-hand Column, Last Paragraph, Figure 3.
<i>dm</i>	<i>Y</i>	Lorenz, M., et al., "High Doses of Methylene Blue/Light Treatment Crosslink the A-Alpha-Subunit of Fibrinogen: Influence of this Photooxidation on Fibrinogen Binding to Platelets." Haemostasis, Vol. 28, No. 1, January 1998 (1998-01), Pages 17-24, XP001042343, ISSN: 0301-0147, Abstract, Page 18, Paragraph Introduction, Page 22, Paragraph Discussion, Page 24.
<i>dm</i>	<i>Y</i>	Wagner, S. J., et al., "Preservation of Red Cell Properties after Virucidal Phototreatment with Dimethylmethylene Blue." Transfusion, Vol. 38, No. 8, August 1998 (1998-08), Pages 729-737, XP001052839, ISSN: 0041-1132, Abstract, Tables, Figures.
<i>dm</i>	<i>Y</i>	Amstey, Ms., "Current Concepts of Herpesvirus Infection in the Woman." AM. Journal Obstet. Gynecol., Vol. 117, No. 5, 1973, Pages 717-725, XP001042386, Page 724, Left-hand Column, Last Paragraph – Right-hand Column, Line 5.
<i>dm</i>	<i>Y</i>	Caldas, L.R., et al., "Antiviral Action by Photodynamic Effect on Bacterial Systems: Special Sensitivity of Infected Bacteria!" Comptes Rendus Hebdomadaires Des Seances De L'Academie Des Sciences. Serie D: Sciences Naturelles, April 29, 1974, Vol. 278, No. 18, Pages 2369-72, XP001052858, France, Abstract, Figures 1, 2, Page 2372, Paragraph Remarque.
<i>dm</i>	<i>Y</i>	Savino, A., et al. "Photodynamic Inactivation of E. Coli and B. Subtilis by Free and Immobilized Methylene Blue" Bollettino Della Societa Italiana Di Biologia Sperimentale, 1981, Vol. 57, No. 15, Pages 1601-1707, XP001052805, Italy, Tables 1, 2.
<i>dm</i>	<i>Y</i>	Sugioka, H., et al., "Micelle Formation of Sodium Cholate and Solubilization into the Micelle" Biochimica et Biophysica Acta 1394 (1998), Pages 99-110.
<i>m</i>	<i>Y</i>	Albalak, A., et al., "Effects of Submicellar Bile Salt Concentrations on Biological Membrane Permeability to Low Molecular Weight Non-Ionic Solutes." Biochemistry, Vol. 35, No. 24, 1996, Pages 7936-7945

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